

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently Amended): An electronic medical information system using a computer to manage electronic medical information ~~such as charts~~, said electronic medical information system being equipped with a control server comprising:

an input means for inputting, ~~among the information written on said charts~~, patient's chief complaint information into a chief complaint information file and for inputting doctor's consultation information associated with said patient's chief complaint information into a consultation information file;

an accumulation means for accumulating said chief complaint information and said consultation information;

a calculation means for scoring, with respect to each date of consultation, the latest chief complaint information and consultation information input by said input means, and the past chief complaint information and consultation information accumulated by said accumulation means, respectively; [[and]]

a generation means for automatically generating, based on said scores, a list by which a temporal variation of said chief complaint information and consultation information can be viewed, said list including a graph by which a temporal variation of the scores calculated by said calculation means can be viewed and the scores for respective symptoms of the chief complaint information and consultation information presented in time series in comparison with the graph;
and

a display means for displaying the list,

wherein said display means further displays a table in which a plurality of symptoms and degrees of respective symptoms are selectably listed,

wherein the input means automatically inputs one or more relevant symptoms and degrees of symptoms, in response to the user operation of selecting them from the table, into said chief complaint information file and the consultation information file, and

wherein said calculation means further includes aggregating relevant scores corresponding to the degree of the selected symptom, with each of said degrees of symptoms having a pre-defined score assigned thereto.

2. – 3. (Cancelled).

4. (Currently Amended): The electronic medical information system according to claim 1, wherein said ~~control server is configured to display~~ display means further displays, in conjunction with said table, an image simulating a human body with check buttons provided on major regions thereof, and when any one of said symptoms is selected, the check button corresponding to the region which is developing the selected symptom is automatically checked.

5. – 6. (Cancelled).

7. (Currently Amended): The electronic medical information system according to claim 1,

wherein said ~~control server comprises: a~~ display means ~~for displaying~~ further displays an image simulating a human body in conjunction with said list, and ~~displaying~~, when symptoms of the chief complaint information and consultation information are input by said input means, displays link buttons at the region where the respective symptoms are developing on the image simulating the human body[[:]],

wherein said control server further comprises a reading means for reading, from the chief complaint information or consultation information accumulated in said accumulation means, each information of the region displaying the link button when the displayed link button is pressed[[:]], and ~~a display means for displaying~~

wherein said display means further displays each information which has been read ~~to be~~ viewable by said reading means.

8. (Currently Amended): The electronic medical information system according to claim 1, wherein said ~~control server comprises a~~ generation means ~~for generating a~~ generates the list so that, when the patient is receiving consultation for a plurality of different diseases around the same period, the respective diseases can be viewed on [[the]] a same screen in a distinguishable manner.

9. (Currently Amended): The electronic medical information system according to claim 1,

wherein said ~~control server comprises: an~~ input means ~~for inputting~~ inputs electronic chart information composed of one or more of information as to disease name, chief complaint reported at the consultation, history of present illness, anamnesis, anamneses of family members, observations of the doctor, inspection, treatment, dosage, injection/instillation, and next-reservation, ~~+~~

wherein said generation means ~~for generating~~ generates an electronic chart based on the input information, ~~[[;]]~~

wherein said control server further comprises:

a storage means for storing the generated electronic chart into an electronic chart file; and
a reading means for setting and displaying, on said list, a link button associated with the electronic chart and reading the electronic chart from said electronic chart file when the link button is pressed, ~~[[;]]~~ and

wherein said ~~[[a]]~~ display means ~~for displaying~~ displays the electronic chart which has been read ~~out to be viewable~~ by said reading means.

10. (Currently Amended): The electronic medical information system according to claim 1, wherein the input means ~~for inputting said electronic chart information is configured to~~ ~~input~~ inputs handwritten information either in an imaged or coded manner.

11. (Currently Amended): The electronic medical information system according to claim 1, wherein the input means for inputting said electronic ~~[[chart]]~~ medical information comprises: an audio input means, ~~such as a microphone~~, for inputting audio information; and an image input means ~~such as a camera~~ for inputting image information, and wherein said ~~electronic chart~~ generation means generates an electronic chart so that the audio information and image information can be reproduced from the electronic chart as a part of the electronic chart.

12. (Currently Amended): The electronic medical information system according to claim 1, wherein if the patient did not appear on ~~[[the]]~~ a day reserved in ~~[[the]]~~ a next-reservation information which has been input by said input means ~~of electronic chart information~~, said ~~[[list]]~~ generation means generates the list ~~after clearing the field with blank entries for said chief complaint information and consultation information~~ for the day the patient did not appear.

13. (Currently Amended): The electronic medical information system according to claim 1, wherein said control server further comprises~~[[:]]~~ a reading means for reading, from ~~[[said]]~~ an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation, ~~;-and an~~

wherein said accumulation means ~~for accumulating~~ further accumulates the information which has been read out by said reading means, ~~[[and]]~~

wherein said ~~control server sets/displays~~ list includes a link button for each information on the list ~~when said list generation means arranges the temporal variation of each of the accumulated information in time series so that it can be compared with the temporal variation of the said graph,~~ said reading means reads corresponding information accumulated by said accumulation means ~~upon pressing of when~~ any of the link buttons is pressed, and said display means displays the information which has been read out ~~to be viewable~~ by said reading means.

14. (Currently Amended): The electronic medical information system according to claim 1, wherein said control server further comprises:

a storing means for storing, into a conventional chart file, a conventional chart converted into an electronic document format which precisely reproduces an original image; and

a reading means for reading, upon request for viewing the conventional chart file, a conventional chart requested for viewing from said conventional chart file, ~~;-and-a~~

wherein said display means ~~for displaying~~ displays the conventional chart which has been read out ~~to be viewable~~ by said reading means.

15. (Currently Amended): The electronic medical information system according to claim ~~[[13]]~~ 14,

wherein said reading means further reads from an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation,

wherein, of the information ~~[[recorded]]~~ stored in said conventional chart file, the information corresponding to said electronic chart information is accumulated by the accumulation means, and

wherein said ~~[[list]]~~ generation means ~~is configured to present~~ generates the list including the temporal variation of each information of the ~~[[accumulated]]~~ conventional chart file accumulated by the accumulation means in time series ~~so that it can be compared in comparison~~ with the temporal variation of said graph.

16. (Currently Amended): The electronic medical information system according to claim 1, wherein said input means of chief complaint information is implemented by transmitting data, to the control server, from a communication terminal used by the doctor for consultation via a LAN or a WAN, or from the patient's communication terminal via a communication network ~~such as the Internet~~.

17. (Previously presented): The electronic medical information system according to claim 1, wherein said input means of consultation information is implemented by transmitting data from said consultation terminal to said control server.

18. (Currently Amended): The electronic medical information system according to claim 1, wherein said patient's communication terminal transmits, via a communication network ~~such as the Internet~~, vital information including one or more of the patient's weight, blood

pressure, frequency of meals, content of meals, taking exercise or not, and sleeping hours to said control server, ~~with said control server comprising an~~ wherein said input means ~~for receiving~~ receives the transmitted vital information and inputting it into a vital information file, and ~~[[a]]~~ said generation means ~~for generating~~ generates said list by arranging the vital information in time series so that it can be compared with the temporal variation of said graph.

19. (Currently Amended): The electronic medical information system according to claim 1, wherein said input means ~~of electronic chart information~~ is implemented by transmitting data from ~~[[said]]~~ a consultation terminal to said control server via a LAN or a WAN.

20. (Previously presented): The electronic medical information system according to claim 1, wherein said consultation terminal comprises an input means for inputting handwritten information in an imaged or coded form.

21. (Previously presented): The electronic medical information system according to claim 1, wherein said consultation terminal comprises said audio input means and said image input means.

22. (Currently Amended): The electronic medical information system according to claim 1, wherein, upon receiving a request, via a communication network ~~such as a LAN, a WAN, or the Internet,~~ for viewing said list or the information accumulated by said accumulation

means from said consultation terminal, said patient's communication terminal, and a communication terminal of a viewer ~~such as an inspection engineer, a dispensing pharmacy clerk, an ambulance crew, a paramedic, a doctor on duty, or a doctor of another hospital,~~ said control server is configured to display the list or said each information to be viewable, within ~~[[the]]~~ an authorized range, from the consultation terminal, the patient's communication terminal, and the viewer's communication terminal, respectively.

23. (Currently Amended): The electronic medical information system according to claim 1, wherein said control server is configured such that, by letting an IC card reader/writer connected to a communication terminal read the IC card carried by a person permitted to use the communication terminal being one or more of said consultation terminal, said patient's communication terminal, and the viewer's communication terminal, said control server receives a signal requesting authorization via a communication network ~~such as a LAN, a WAN, or the Internet~~ and performs said authorization.

24. (Currently Amended): The electronic medical information system according to claim 1, wherein said control server is configured such that, by letting the reader/writer connected to the communication terminal of a viewer ~~such as an ambulance crew, a paramedic, or a doctor on duty~~ read said IC card carried by the patient and the IC card carried by the ambulance crew, the paramedic, or the doctor on duty, in case of emergency, the control server receives and authorizes a signal requesting authorization via a communication network ~~such as a~~

~~LAN, a WAN, or the Internet~~, and displays at least said information of history of present illness and anamnesis so that they can be viewed with the viewer's communication terminal.

25. (Currently Amended): An electronic medical information program for causing, for the purpose of introducing electronic medical information, a computer to function as: an input means for inputting ~~[[said]]~~ patient's chief complaint information into ~~[[its]]~~ a chief complaint information file and for inputting ~~[[said]]~~ doctor's consultation information into ~~[[its]]~~ a consultation information file; an accumulation means for accumulating the chief complaint information input into the chief complaint information file and the consultation information input into the consultation information file; a calculation means for scoring, with respect to each date of consultation, the input latest chief complaint information and consultation information, and the accumulated past chief complaint information and consultation information, respectively; a generation means for automatically generating, based on the calculated scores, a list by which ~~[[the]]~~ a temporal variation of the chief complaint information and consultation information can be viewed.

26. (Original): The electronic medical information program according to claim 25 for causing, for the purpose of introducing electronic medical information, a computer to function as a display means for displaying said list.

27. (Currently Amended): The electronic medical information program according to claim 25 for causing, for the purpose of introducing electronic medical information, a computer to function as: an input means for inputting said electronic ~~[[chart]]~~ medical information; a generation means for generating an electronic chart from the input electronic chart information; a storing means for storing the generated electronic chart in an electronic chart file; a reading means for setting/displaying link buttons associated with the electronic chart file on said list and reading, upon pressing of any of the link buttons, the electronic chart from said electronic chart file; and a display means for displaying the electronic chart which has been read out ~~to be viewable~~ by said reading means.

28. (Currently Amended): The electronic medical information program according to claim 25 for causing, for the purpose of introducing electronic medical information, a computer to function as: a reading means for reading, from ~~[[said]]~~ an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation; an accumulation means for accumulating the information which has been read out; said list generation means for arranging the temporal variation of each of the accumulated information in time series so that it can be compared with the temporal variation of said graph; a reading means for setting/displaying a link button for each information on the list and reading the corresponding information accumulated by said accumulation means upon pressing of any of the link buttons; and a display means for displaying the information which has been read out ~~to be viewable~~ by said reading means.

29. (Previously presented): The electronic medical information program according to claim 25 for causing, for the purpose of introducing electronic medical information, a computer to function as: a storage means for storing, into a conventional chart file, said conventional chart converted into an electronic document format which precisely reproduces an original image; a reading means for reading, upon request for viewing the conventional chart file, a conventional chart requested for viewing from said conventional chart file; and a display means for displaying the conventional chart which has been read out to be viewable.

30. (Previously presented): The electronic medical information program according to claim 28 for causing, for the purpose of introducing electronic medical information, a computer to function as: an accumulation means for accumulating, using the accumulation means, the information corresponding to said electronic chart of the information recorded in said conventional chart file; and a generation means for generating said list by arranging the temporal variation of each information of the accumulated conventional chart in time series so that it can be compared with the temporal variation of said graph.

31. (Currently Amended): The electronic medical information program according to claim 25 for causing, for the purpose of introducing electronic medical information, a computer to function as: an input means for receiving, upon transmission of vital information including at least one or more of information of the patient's weight, blood pressure, frequency of meals,

content of meals, taking exercise or not, sleeping hours, from said patient's communication terminal to the computer via a communication network ~~such as the Internet~~, the transmitted vital information and inputting it into a vital information file; and a generation means for generating said list by arranging the vital information in time series so that it can be compared with the temporal variation of said graph.

32. (Currently Amended): A non-transitory computer readable recording media for storing ~~[[the]]~~ an electronic medical information program ~~according to claim 25 that, when executing on a computer, causes the computer to perform the steps of:~~

inputting patient's chief complaint information into a chief complaint information file;

inputting doctor's consultation information into a consultation information file;

accumulating the chief complaint information input into the chief complaint information file and the consultation information input into the consultation information file;

scoring, with respect to each date of consultation, the input latest chief complaint information and consultation information, and the accumulated past chief complaint information and consultation information, respectively;

automatically generating, based on said scoring, a list by which a temporal variation of the chief complaint information and consultation information can be viewed.

33. (New): A method for managing electronic medical information comprising:

inputting patient's chief complaint information into a chief complaint information file, and doctor's consultation information associated with said patient's chief complaint information into a consultation information file;

displaying a table in which a plurality of symptoms and degrees of respective symptoms are selectably listed;

inputting one or more relevant symptoms and degrees of symptoms, in response to a selection of said one or more relevant symptoms and degrees of symptoms from the table, into said chief complaint information file and the consultation information file;

accumulating said chief complaint information and said consultation information;

scoring, with respect to each date of consultation, a latest chief complaint information and consultation information, and a past chief complaint information and consultation information accumulated by said accumulation means, respectively;

aggregating relevant scores corresponding to the degree of the selected symptom, with each of said degrees of symptoms having a pre-defined score assigned thereto; and

generating and displaying, based on said scores, a list by which a temporal variation of said chief complaint information and consultation information can be viewed, said list including a graph by which a temporal variation of the scores can be viewed and the scores for respective symptoms of the chief complaint information and consultation information presented in time series in comparison with the temporal variation of said graph.

34. (New): The method according to claim 33, wherein if the patient did not appear on a day reserved in a next-reservation information which has been input by said step of inputting, said step of generating and displaying generates and displays the list with blank entries for said chief complaint information and consultation information for the day the patient did not appear.

35. (New): The method according to claim 33, wherein said step of displaying the table includes displaying an image simulating a human body with check buttons provided on major regions thereof, and when any one of said symptoms is selected, the check button corresponding to the region which is developing the selected symptom is automatically checked.

36. (New): The method according to claim 33,
wherein said step of said generating and displaying generates and displays an image simulating a human body in conjunction with said list, said image including link buttons at regions of the image where symptoms related to the chief complaint information and consultation information are developing, and

further comprising reading and displaying the chief complaint information or consultation information accumulated for the region displaying the link button when the displayed link button is pressed.

37. (New): The method according to claim 33, wherein said step of said generating and displaying generates and displays the list so that, when the patient is receiving consultation for a

plurality of different diseases around the same period, the plurality of different diseases are presented in a distinguishable manner.

38. (New): The method according to claim 33,

wherein said step of inputting the chief complaint information and the consultation information includes inputting an electronic chart information composed of one or more of information as to disease name, chief complaint reported at the consultation, history of present illness, anamnesis, anamneses of family members, observations of the doctor, inspection, treatment, dosage, injection/instillation, and a next-reservation, and

wherein said step of said generating and displaying generates and displays the list with a link button associated with the electronic chart information, and displays an electronic chart for the electronic chart information when the link button is pressed.

39. (New): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes inputting handwritten information either in an imaged or a coded manner.

40. (New): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes inputting audio information and image information, and

wherein said step of said generating and displaying generates and displays the list including an electronic chart that reproduces the audio information and the image information.

41. (New): The method according to claim 33,

further comprising reading from an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation,

wherein said step of accumulating accumulates the information read by said step of reading from the electronic chart file,

wherein said step of said generating and displaying generates and displays the list including a link button for each information on the list and when any of the link buttons is pressed, displays the information read by said step of reading from the electronic chart file.

42. (New): The method according to claim 33, further comprising:

storing, into a conventional chart file, a conventional chart converted into an electronic document format; and

displaying the conventional chart read from the conventional chart file upon a request for viewing the conventional chart.

43. (New): The method according to claim 42,

further comprising reading from an electronic chart file, one or more of information as to inspection, treatment, dosage, and injection/instillation,

wherein said step of accumulating accumulates the information read by said step of reading from the electronic chart file and the information in said conventional chart file corresponding to said electronic chart information, and

wherein said step of said generating and displaying generates and displays the list including the temporal variation of each information of the conventional chart file accumulated by said step of accumulating in time series in comparison with the temporal variation of said graph.

44. (New): The method according to claim 33, wherein said step of inputting the chief complaint information includes transmitting data, to a control server, from a communication terminal used by the doctor for consultation via a LAN or a WAN, or from the patient's communication terminal via a communication network.

45. (New): The method according to claim 33, wherein said step of inputting the consultation information includes transmitting data from a consultation terminal to a control server.

46. (New): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes inputting, into a vital information file, vital information including one or more of the patient's weight, blood pressure, frequency of meals, content of meals, taking exercise or not, and sleeping hours, and

wherein said step of said generating and displaying generates and displays the list including the vital information presented in time series in comparison with the temporal variation of said graph.

47. (New): The method according to claim 33, wherein said step of inputting the chief complaint information and the consultation information includes transmitting data from a consultation terminal to a control server via a LAN or a WAN.

48. (New): The method according to claim 33, further comprising receiving a request from a consultation terminal, a patient's communication terminal, or a communication terminal of a viewer, via a communication network, to view said list or the information accumulated by said accumulation means,

wherein said step of said generating and displaying generates and displays the list or the information accumulated by said accumulation means, within an authorized range, from the consultation terminal, the patient's communication terminal, and the viewer's communication terminal, respectively.

49. (New): The method according to claim 33, further comprising:
reading an IC card for use of a consultation terminal, a patient's communication terminal, or a viewer's communication terminal; and

requesting authorization from a control server via a communication network to use the consultation terminal, the patient's communication terminal, or the viewer's communication terminal.

50. (New): The method according to claim 49, further comprising:

authorizing the use the consultation terminal, the patient's communication terminal, or the viewer's communication terminal; and

displaying history information of present illness and anamnesis at the consultation terminal, the patient's communication terminal, or the viewer's communication terminal.